

**Routing of Optical Fiber That Exits from the Front of Circuit Boards
in an Electronic Shelf**

5

Abstract

10 An electronic shelf contains a plurality of circuit board assemblies mounted adjacent each
other. Each circuit board assembly includes a circuit board with an attached front faceplate
having a recessed wall that defines a rearward extending recess between a bottom edge and a
top edge of the circuit board. An optical fiber is connected to the circuit board. A bail is
mounted adjacent each of the front faceplates, each bail being movable from a seated position
15 to an extended position. The optical fibers are held by an associated bail at an intermediate
location along a length of the optical fiber. The optical fibers have a first portion that is
contained within the rearward extending recess with the associated bail in its seated position.
The first portion of the optical fiber is pulled forwardly from within the recess and away from
the associated front faceplate with the associated bail in its extended position. This
20 arrangement facilitates the easy removal of a circuit board without optical fibers of other
circuit boards being in the way.